GOVERNMENT OF INDIA
COAL
LOK SABHA

UNSTARRED QUESTION NO:3073
ANSWERED ON:21.03.2007
INTRODUCTION OF MODERN TECHNOLOGY IN COAL MINES
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Will the Minister of COAL be pleased to state:

(a) whether there is any proposal under consideration of the Government for the introduction of modern technology;

(b) if so, the details thereof;

(c) the details of the mines of SECL identified by Coal India Limited (CIL); and

(d) the extent to which the introduction of modern technology is likely to boost the underground production?

Answer

MINISTER OF STATE IN THE MINISTRY OF COAL (DR. DASARINARAYANA RAO)

(a) & (b): Adoption of modern technology is a continuous process. Coal India Limited (CIL) and its subsidiary companies including South Eastern Coalfields Limited (SECL) have introduced modern technologies in some of their underground (UG) and opencast (OC) mines in line with global trend. UG mines in CIL have been gradually mechanized by introducing side discharge loaders (SDLs), Load haul dumpers (LHDs), belt conveyors, roof bolting machines etc. Continuous miner technology and Powered Support Longwall Technology have been tried in some underground mines for obtaining higher production, productivity and safety. In OC coal mines, CIL is using dragline and shovel dumper operations and higher capacity equipments, inpit crushing conveying and surface miner technologies depending upon the requirement.

(c): Sheetaldhara Kurja mine, Khairaha UG mine& Rani Atari UG mine have been identified for introducing continuous miner technology. Haldibari, Ketki & Vijay (West) UG have been identified for introducing low capacity continuous miner. SECL is also planning to introduce blasting gallery method in one of their mines in Chirimiri area,.

(d): As a result of introduction of modern technology, the underground production at the end of XI plan is likely to be around 54 million tonnes.